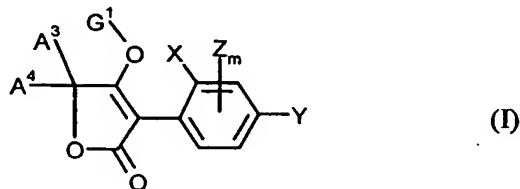


**Patent claims**

1. A composition comprising a synergistically effective active compound combination of compounds of the formula (I) (group 1)



in which

- X represents C<sub>1</sub>-C<sub>6</sub>-alkyl, bromine, C<sub>1</sub>-C<sub>6</sub>-alkoxy or C<sub>1</sub>-C<sub>3</sub>-haloalkyl,  
 Y represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, halogen, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>3</sub>-haloalkyl,  
 Z represents C<sub>1</sub>-C<sub>6</sub>-alkyl, halogen, C<sub>1</sub>-C<sub>6</sub>-alkoxy,  
 m represents a number 0-3,

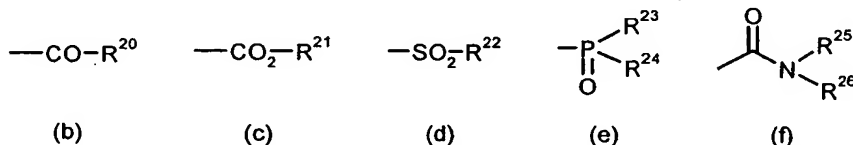
A<sup>3</sup> represents hydrogen or in each case optionally halogen-substituted straight-chain or branched C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>2</sub>-C<sub>8</sub>-alkenyl, C<sub>2</sub>-C<sub>8</sub>-alkynyl, C<sub>1</sub>-C<sub>10</sub>-alkoxy-C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-polyalkoxy-C<sub>2</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>10</sub>-alkylthio-C<sub>2</sub>-C<sub>8</sub>-alkyl, cycloalkyl having 3-8 ring atoms which may be interrupted by oxygen and/or sulfur or in each case optionally halogen-, C<sub>1</sub>-C<sub>6</sub>-alkyl-, C<sub>1</sub>-C<sub>6</sub>-haloalkyl-, C<sub>1</sub>-C<sub>6</sub>-alkoxy-, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, nitro-substituted phenyl or phenyl-C<sub>1</sub>-C<sub>6</sub>-alkyl,

A<sup>4</sup> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl or C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl

or in which

A<sup>3</sup> and A<sup>4</sup> together with the carbon atom to which they are attached form a saturated or unsaturated 3- to 8-membered ring which is optionally interrupted by oxygen and/or sulfur and optionally substituted by halogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio or optionally substituted phenyl or is optionally benzo-fused,

G<sup>1</sup> represents hydrogen (a) or represents the groups



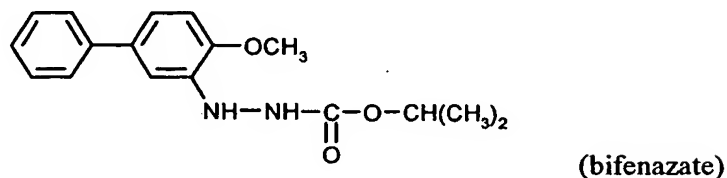
in which

R<sup>20</sup> represents in each case optionally halogen-substituted C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>2</sub>-C<sub>20</sub>-alkenyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy-C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkylthio-C<sub>1</sub>-C<sub>8</sub>-alkyl,

- C<sub>1</sub>-C<sub>8</sub>-polyalkoxy-C<sub>2</sub>-C<sub>8</sub>-alkyl or cycloalkyl having 3-8 ring atoms which may be interrupted by oxygen and/or sulfur atoms;  
represents optionally halogen-, nitro-, C<sub>1</sub>-C<sub>6</sub>-alkyl-, C<sub>1</sub>-C<sub>6</sub>-alkoxy-, C<sub>1</sub>-C<sub>6</sub>-haloalkyl-, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy-substituted phenyl;  
5 represents optionally halogen-, C<sub>1</sub>-C<sub>6</sub>-alkyl-, C<sub>1</sub>-C<sub>6</sub>-alkoxy-, C<sub>1</sub>-C<sub>6</sub>-haloalkyl-, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy-substituted phenyl-C<sub>1</sub>-C<sub>6</sub>-alkyl,  
represents in each case optionally halogen- and/or C<sub>1</sub>-C<sub>6</sub>-alkyl-substituted pyridyl, pyrimidyl, thiazolyl or pyrazolyl,  
represents optionally halogen- and/or C<sub>1</sub>-C<sub>6</sub>-alkyl-substituted phenoxy-  
10 C<sub>1</sub>-C<sub>6</sub>-alkyl,  
R<sup>21</sup> represents in each case optionally halogen-substituted C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>2</sub>-C<sub>20</sub>-alkenyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy-C<sub>2</sub>-C<sub>8</sub>-alkyl or C<sub>1</sub>-C<sub>8</sub>-polyalkoxy-C<sub>2</sub>-C<sub>8</sub>-alkyl,  
represents in each case optionally halogen-, nitro-, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>6</sub>-haloalkyl-substituted phenyl or benzyl,  
15 R<sup>22</sup> represents optionally halogen-substituted C<sub>1</sub>-C<sub>8</sub>-alkyl, represents in each case optionally C<sub>1</sub>-C<sub>4</sub>-alkyl-, halogen-, C<sub>1</sub>-C<sub>4</sub>-haloalkyl-, C<sub>1</sub>-C<sub>4</sub>-alkoxy-, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy-, nitro- or cyano-substituted phenyl or benzyl,  
R<sup>23</sup> and R<sup>24</sup> independently of one another represent in each case optionally  
20 halogen-substituted C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>8</sub>-alkylamino, di(C<sub>1</sub>-C<sub>8</sub>)alkylamino, C<sub>1</sub>-C<sub>8</sub>-alkylthio, C<sub>2</sub>-C<sub>5</sub>-alkenylthio, C<sub>2</sub>-C<sub>5</sub>-alkynylthio, C<sub>3</sub>-C<sub>7</sub>-cycloalkylthio, represent in each case optionally halogen-, nitro-, cyano-, C<sub>1</sub>-C<sub>4</sub>-alkoxy-, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy-, C<sub>1</sub>-C<sub>4</sub>-alkylthio-, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio-, C<sub>1</sub>-C<sub>4</sub>-alkyl-, C<sub>1</sub>-C<sub>4</sub>-haloalkyl-substituted  
25 phenyl, phenoxy or phenylthio,  
R<sup>25</sup> and R<sup>26</sup> independently of one another represent in each case optionally halogen-substituted C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>1</sub>-C<sub>10</sub>-alkoxy, C<sub>3</sub>-C<sub>8</sub>-alkenyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy-C<sub>1</sub>-C<sub>8</sub>-alkyl, represent optionally halogen-, C<sub>1</sub>-C<sub>6</sub>-haloalkyl-, C<sub>1</sub>-C<sub>6</sub>-alkyl- or C<sub>1</sub>-C<sub>6</sub>-alkoxy-substituted phenyl, represent optionally  
30 halogen-, C<sub>1</sub>-C<sub>6</sub>-alkyl-, C<sub>1</sub>-C<sub>6</sub>-haloalkyl- or C<sub>1</sub>-C<sub>6</sub>-alkoxy-substituted benzyl or together represent a 5- to 6-membered ring which is optionally interrupted by oxygen or sulfur and which may optionally be substituted by C<sub>1</sub>-C<sub>6</sub>-alkyl,

or an acaricidally active compound (group 2), preferably

(2-1) the phenylhydrazine derivative of the formula

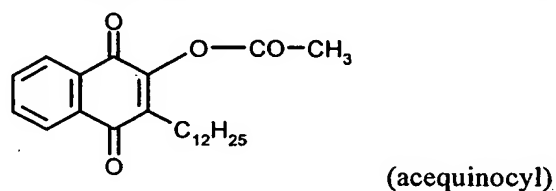


and/or

5 (2-2) the macrolide with the common name abamectin

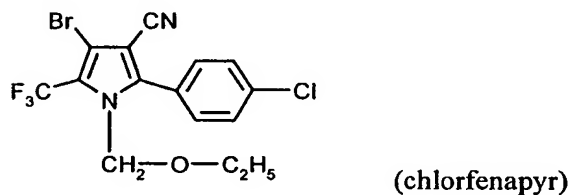
and/or

(2-3) the naphthalenedione derivative of the formula



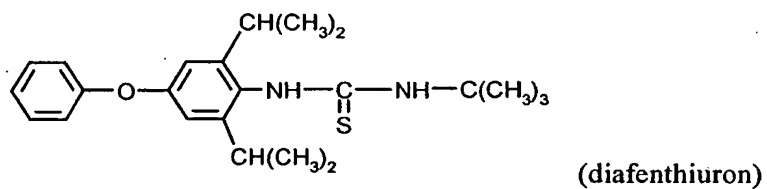
and/or

10 (2-4) the pyrrole derivative of the formula



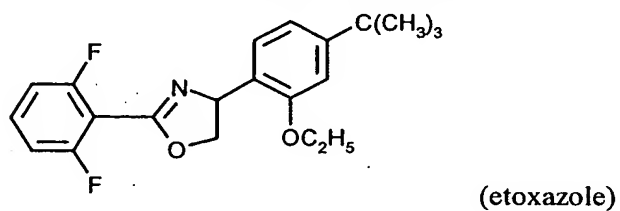
and/or

(2-5) the thiourea derivative of the formula



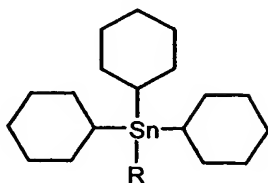
15 and/or

(2-6) the oxazoline derivative of the formula




and/or

(2-7) an organotin derivative of the formula



in which

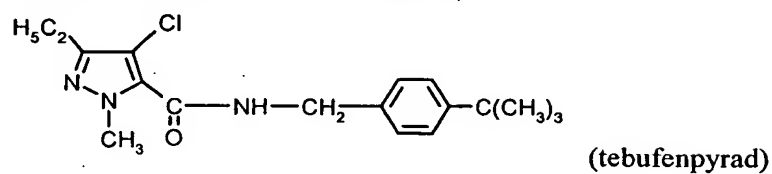
R represents  (2-7-a = azocyclotin),

or

R represents -OH (2-7-b = cyhexatin),

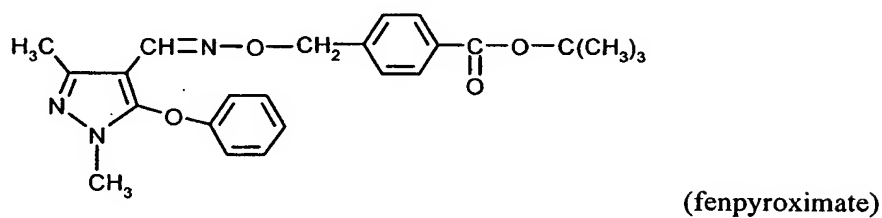
and/or

(2-8) the pyrazole derivative of the formula



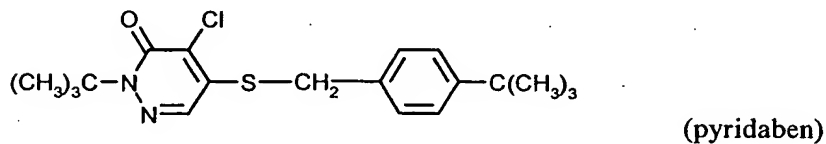
and/or

(2-9) the pyrazole derivative of the formula



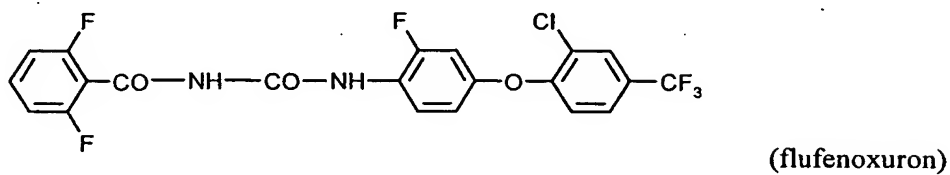
and/or

(2-10) the pyridazinone derivative of the formula



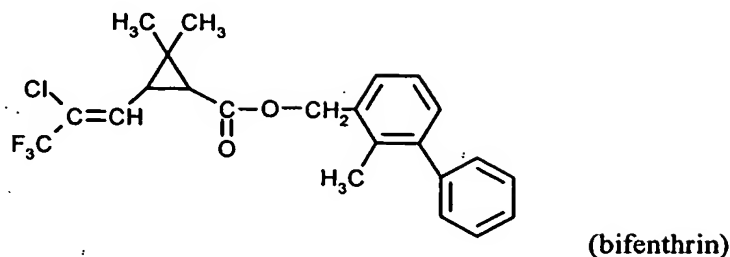
and/or

(2-11) the benzoylurea derivative of the formula



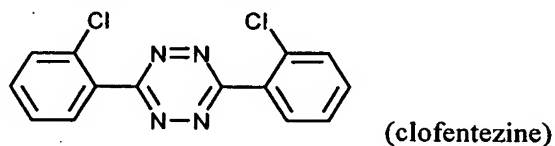
and/or

(2-12) the pyrethroid of the formula



and/or

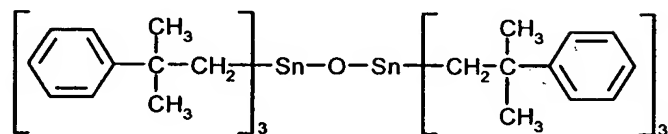
(2-13) the tetrazine derivative of the formula



5

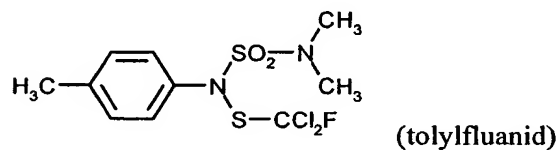
and/or

(2-14) the organotin derivative of the formula



and/or

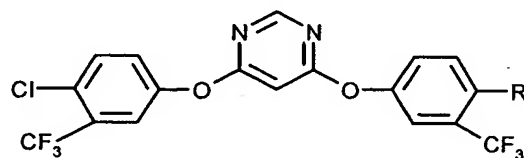
(2-15) the sulfenamide of the formula



10

und/or

(2-16) the pyrimidyl phenol ethers of the formula



in which

15

R represents fluorine (2-16-a = 4-[(4-chloro- $\alpha,\alpha,\alpha$ -trifluoro-3-tolyl)oxy]-6-[( $\alpha,\alpha,\alpha$ -4-tetrafluoro-3-tolyl)oxy]pyrimidine)

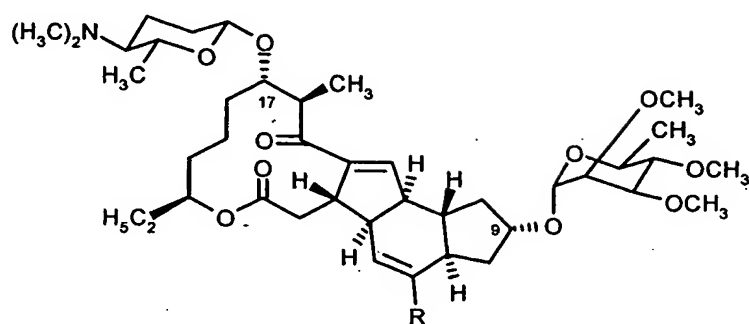
R represents nitro (2-16-b = 4-[(4-chloro- $\alpha,\alpha,\alpha$ -trifluoro-3-tolyl)oxy]-6-[( $\alpha,\alpha,\alpha$ -trifluoro-4-nitro-3-tolyl)oxy]pyrimidine)

R represents bromine (2-16- = 4-[(4-chloro- $\alpha,\alpha,\alpha$ -trifluoro-3-tolyl)oxy]-6-[( $\alpha,\alpha,\alpha$ -trifluoro-4-bromo-3-tolyl)oxy]pyrimidine)

20

and/or

(2-17) the macrolide of the formula



(spinosad)

a mixture comprising, preferably,

85% spinosyn A ( $R = H$ )

15% spinosyn B ( $R = CH_3$ )

and/or

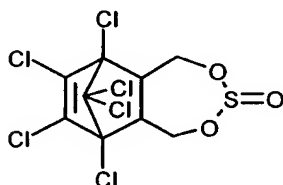
(2-18) ivermectin

and/or

(2-19) milbemectin

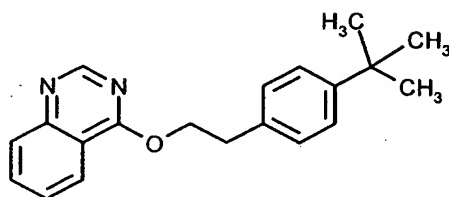
and/or

(2-20) endosulfan



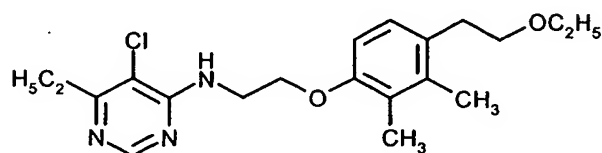
and/or

(2-21) fenazaquin



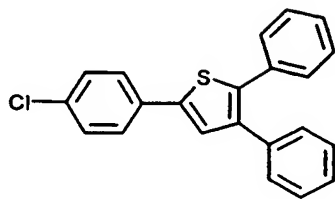
and/or

(2-22) pyrimidifen



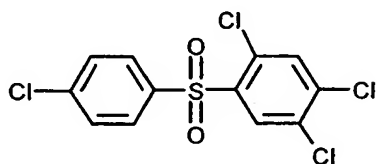
and/or

(2-23) triarathen



and/or

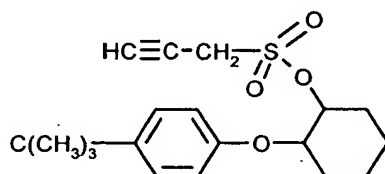
(2-24) tetradifon



5

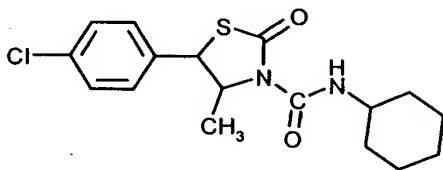
and/or

(2-25) propargite



and/or

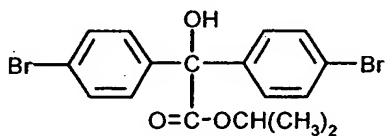
(2-26) hexythiazox



10

and/or

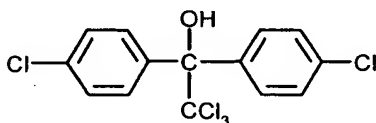
(2-27) bromopropylate



and/or

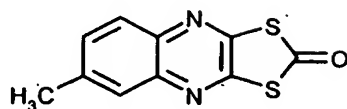
15

(2-28) dicofol



and/or

(2-29) chinomethionat



and at least one active compound from the group of the anthranilamides of the formula (II).

- 5 2. The composition as claimed in claim 1, comprising at least one compound of the formula (I) in which

X represents C<sub>1</sub>-C<sub>4</sub>-alkyl, bromine, C<sub>1</sub>-C<sub>4</sub>-alkoxy or C<sub>1</sub>-C<sub>3</sub>-haloalkyl,

Y represents hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>3</sub>-haloalkyl,

10 Z represents C<sub>1</sub>-C<sub>4</sub>-alkyl, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkoxy,

m represents a number 0-2,

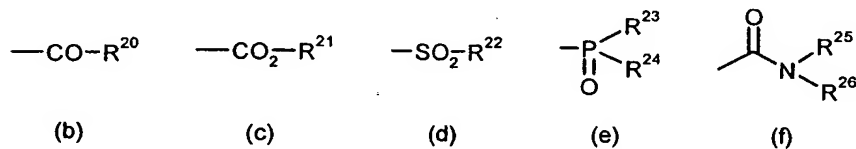
15 A<sup>3</sup> represents hydrogen or in each case optionally mono- to trifluoro-substituted straight-chain or branched C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>2</sub>-alkyl, cycloalkyl having 3-8 ring atoms which may optionally be interrupted by oxygen and/or sulfur or represents benzyl or phenyl which is optionally mono- to disubstituted by fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkyl, C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-haloalkoxy, nitro,

A<sup>4</sup> represents hydrogen, C<sub>1</sub>-C<sub>2</sub>-alkyl or C<sub>1</sub>-C<sub>2</sub>-alkoxy-C<sub>1</sub>-C<sub>2</sub>-alkyl

or in which

20 A<sup>3</sup> and A<sup>4</sup> together with the carbon atom to which they are attached form a saturated or unsaturated 3- to 7-membered ring which is optionally interrupted by oxygen and/or sulfur and optionally mono- to disubstituted by fluorine, chlorine, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-haloalkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkoxy or C<sub>1</sub>-C<sub>2</sub>-alkylthio,

G<sup>1</sup> represents hydrogen (a) or represents groups



in which

30 R<sup>20</sup> represents in each case optionally mono- to pentafluoro- or -chloro-substituted C<sub>1</sub>-C<sub>16</sub>-alkyl, C<sub>2</sub>-C<sub>16</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio-C<sub>1</sub>-C<sub>4</sub>-alkyl or cycloalkyl having 3-6 ring atoms which may be interrupted by oxygen and/or sulfur atoms,  
represents phenyl which is optionally mono- to disubstituted by fluorine,



chlorine, bromine, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy,

represents benzyl which is optionally mono to disubstituted by fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy,

represents pyridyl, pyrimidyl, thiazolyl or pyrazolyl, each of which is optionally mono- to disubstituted by chlorine, bromine and/or C<sub>1</sub>-C<sub>4</sub>-alkyl,

R<sup>21</sup> represents C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>2</sub>-C<sub>20</sub>-alkenyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy-C<sub>2</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-polyalkoxy-C<sub>2</sub>-C<sub>6</sub>-alkyl, each of which is optionally mono- to pentasubstituted by fluorine or chlorine,

represents phenyl or benzyl, each of which is optionally mono- to disubstituted by fluorine, chlorine, bromine, nitro, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkyl,

R<sup>22</sup> represents C<sub>1</sub>-C<sub>4</sub>-alkyl which is optionally mono- to pentasubstituted by fluorine or chlorine, represents phenyl or benzyl, each of which is optionally mono- to disubstituted by C<sub>1</sub>-C<sub>4</sub>-alkyl, fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, nitro or cyano,

R<sup>23</sup> and R<sup>24</sup> independently of one another represent C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylamino, di(C<sub>1</sub>-C<sub>4</sub>)alkylamino, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>2</sub>-C<sub>4</sub>-alkenylthio, C<sub>3</sub>-C<sub>6</sub>-cycloalkylthio, each of which is optionally mono- to trisubstituted by fluorine or chlorine, represent phenyl, phenoxy or phenylthio, each of which is optionally mono- to disubstituted by fluorine, chlorine, bromine, nitro, cyano, C<sub>1</sub>-C<sub>2</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-haloalkoxy, C<sub>1</sub>-C<sub>2</sub>-alkylthio, C<sub>1</sub>-C<sub>2</sub>-haloalkylthio, C<sub>1</sub>-C<sub>2</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkyl,

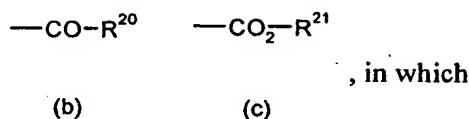
R<sup>25</sup> and R<sup>26</sup> independently of one another represent C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>3</sub>-C<sub>6</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>2</sub>-alkyl, each of which is optionally mono- to trisubstituted by fluorine or chlorine, represent benzyl which is optionally mono- to disubstituted by fluorine, chlorine, bromine, C<sub>1</sub>-C<sub>2</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-alkoxy or together represent a 5- to 6-membered ring which is optionally interrupted by oxygen or sulfur and which may optionally be substituted by C<sub>1</sub>-C<sub>2</sub>-alkyl,

and at least one anthranilamide of the formula (II).

3. The composition as claimed in claim 1 or 2, comprising at least one compound of the formula (I) in which

- X represents C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy or trifluoromethyl,  
 Y represents hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>2</sub>-haloalkyl,  
 Z represents C<sub>1</sub>-C<sub>4</sub>-alkyl, chlorine, bromine, C<sub>1</sub>-C<sub>4</sub>-alkoxy,  
 m represents 0 or 1,  
 A<sup>3</sup> and A<sup>4</sup> together with the carbon atom to which they are attached represent a saturated 5- to 6-membered ring which is optionally monosubstituted by C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-alkoxy,

G<sup>1</sup> represents hydrogen (a) or represents the groups



R<sup>20</sup> represents in each case optionally mono- to trifluoro- or -chloro-substituted C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>2</sub>-C<sub>12</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>2</sub>-alkyl, or cycloalkyl having 3-6 ring atoms which may be interrupted by 1 to 2 oxygen atoms,

represents phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, trifluoromethyl or trifluoromethoxy;

R<sup>21</sup> represents C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>2</sub>-C<sub>12</sub>-alkenyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>2</sub>-C<sub>4</sub>-alkyl, represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy or trifluoromethyl,

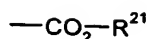
and at least one anthranilamide of the formula (II).

4. The composition as claimed in claim 1, 2 or 3, comprising at least one compound of the formula (I) in which

- X represents methyl, ethyl, methoxy, ethoxy or trifluoromethyl,  
 Y represents hydrogen, methyl, ethyl, chlorine, bromine, methoxy or trifluoromethyl,  
 Z represents methyl, ethyl, chlorine, bromine or methoxy,  
 m represents 0 or 1,  
 A<sup>3</sup> and A<sup>4</sup> together with the carbon atom to which they are attached form a saturated 5- to 6-membered ring which is optionally monosubstituted by methyl, ethyl, propyl, methoxy, ethoxy, propoxy, butoxy or isobutoxy,  
 G<sup>1</sup> represents hydrogen (a) or represents the groups



(b)



(c)

, in which

$\text{R}^{20}$  represents in each case mono- to trifluoro- or -chloro-substituted  $\text{C}_1$ - $\text{C}_8$ -alkyl,  $\text{C}_2$ - $\text{C}_8$ -alkenyl,  $\text{C}_1$ - $\text{C}_3$ -alkoxy- $\text{C}_1$ - $\text{C}_2$ -alkyl, or cycloalkyl having 3-6 ring atoms which may be interrupted by 1 to 2 oxygen atoms,

5

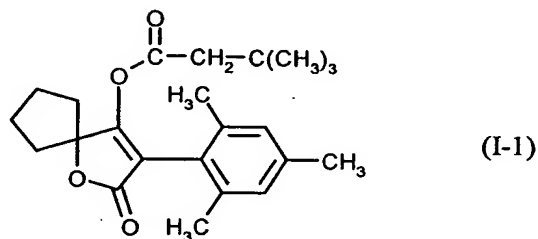
represents phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, methyl, methoxy, trifluoromethyl or trifluoromethoxy;

$\text{R}^{21}$  represents  $\text{C}_1$ - $\text{C}_8$ -alkyl,  $\text{C}_2$ - $\text{C}_8$ -alkenyl,  $\text{C}_1$ - $\text{C}_4$ -alkoxy- $\text{C}_2$ - $\text{C}_3$ -alkyl, represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, nitro, methyl, methoxy or trifluoromethyl,

10

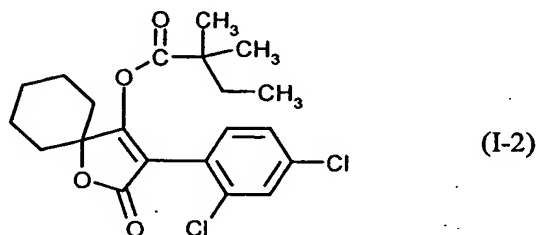
and at least one anthranilamide of the formula (II).

5. The composition as claimed in claim 1, 2, 3 or 4, comprising the compound of the formula (I-1)



15

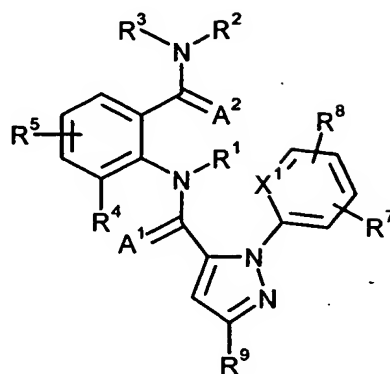
and/or the compound of the formula (I-2)



and at least one anthranilamide of the formula (II).

6. The composition as claimed in claim 1, 2, 3, 4 or 5, comprising at least one anthranilamide of the formula (II)

20



(II)

in which

A<sup>1</sup> and A<sup>2</sup> independently of one another represent oxygen or sulfur,

X<sup>1</sup> represents N or CR<sup>10</sup>,

5 R<sup>1</sup> represents hydrogen or represents in each case optionally mono- or polysubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R<sup>6</sup>, halogen, cyano, nitro, hydroxyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>4</sub>-alkoxycarbonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, C<sub>2</sub>-C<sub>8</sub>-dialkylamino, C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino, (C<sub>1</sub>-C<sub>4</sub>-alkyl)C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino and R<sup>11</sup>,

R<sup>2</sup> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylamino, C<sub>2</sub>-C<sub>8</sub>-dialkylamino, C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino, C<sub>2</sub>-C<sub>6</sub>-alkoxycarbonyl or C<sub>2</sub>-C<sub>6</sub>-alkylcarbonyl,

15 R<sup>3</sup> represents hydrogen, R<sup>11</sup> or represents in each case optionally mono- or polysubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R<sup>6</sup>, halogen, cyano, nitro, hydroxyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>2</sub>-C<sub>6</sub>-alkoxycarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkylcarbonyl, C<sub>3</sub>-C<sub>6</sub>-trialkylsilyl, R<sup>11</sup>, phenyl, phenoxy and a 5- or 6-membered heteroaromatic ring, where each phenyl, phenoxy and 5- or 6-membered heteroaromatic ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R<sup>12</sup>, or

25 R<sup>2</sup> and R<sup>3</sup> may be attached to one another and form the ring M,

R<sup>4</sup> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyl, C<sub>2</sub>-C<sub>6</sub>-haloalkynyl, C<sub>3</sub>-C<sub>6</sub>-halocycloalkyl, halogen, cyano, nitro, hydroxyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkyl-

5 sulfinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, C<sub>2</sub>-C<sub>8</sub>-dialkylamino, C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino, C<sub>3</sub>-C<sub>6</sub>-trialkylsilyl or represents in each case optionally mono- or polysubstituted phenyl, benzyl or phenoxy, where the substituents independently of one another may be selected from the group consisting of C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>2</sub>-C<sub>4</sub>-alkenyl; C<sub>2</sub>-C<sub>4</sub>-alkynyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkynyl, C<sub>3</sub>-C<sub>6</sub>-halocycloalkyl, halogen, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, C<sub>2</sub>-C<sub>8</sub>-dialkylamino, C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino, C<sub>3</sub>-C<sub>6</sub>-(alkyl)-cycloalkylamino, C<sub>2</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkoxycarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkylaminocarbonyl, C<sub>3</sub>-C<sub>8</sub>-dialkylaminocarbonyl and C<sub>3</sub>-C<sub>6</sub>-trialkylsilyl,

10 R<sup>5</sup> and R<sup>8</sup> in each case independently of one another represent hydrogen, halogen or represent in each case optionally substituted C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, R<sup>12</sup>, G, J, -OJ, -OG, -S(O)<sub>p</sub>-J, -S(O)<sub>p</sub>-G, -S(O)<sub>p</sub>-phenyl, where the substituents independently of one another may be selected from one to three radicals W or from  
15 the group consisting of R<sup>12</sup>, C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy and C<sub>1</sub>-C<sub>4</sub>-alkylthio, where each substituent may be substituted by one or more substituents independently of one another selected from the group consisting of G, J, R<sup>6</sup>, halogen, cyano, nitro, amino, hydroxyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, C<sub>2</sub>-C<sub>8</sub>-dialkylamino, C<sub>3</sub>-C<sub>6</sub>-trialkylsilyl, phenyl and phenoxy, where each phenyl or phenoxy ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R<sup>12</sup>,

25 G in each case independently of one another represents a 5- or 6-membered nonaromatic carbocyclic or heterocyclic ring which optionally contains one or two ring members from the group consisting of C(=O), SO and S(=O)<sub>2</sub> and which may optionally be substituted by one to four substituents independently of one another selected from the group consisting of C<sub>1</sub>-C<sub>2</sub>-alkyl, halogen, cyano, nitro and C<sub>1</sub>-C<sub>2</sub>-alkoxy, or independently of one another represents C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, (cyano)C<sub>3</sub>-C<sub>7</sub>-cycloalkyl, (C<sub>1</sub>-C<sub>4</sub>-alkyl)C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, (C<sub>3</sub>-C<sub>6</sub>-cycloalkyl)C<sub>1</sub>-C<sub>4</sub>-alkyl, where each cycloalkyl, (alkyl)cycloalkyl and (cycloalkyl)-alkyl may optionally be substituted by one or more halogen atoms,

35 J in each case independently of one another represents an optionally substituted 5- or 6-membered heteroaromatic ring, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R<sup>12</sup>,

- $R^6$  independently of one another represent  $-C(=E^1)R^{19}$ ,  $-LC(=E^1)R^{19}$ ,  $-C(=E^1)LR^{19}$ ,  $-LC(=E^1)LR^{19}$ ,  $-OP(=Q)(OR^{19})_2$ ,  $-SO_2LR^{18}$  or  $-LSO_2LR^{19}$ , where each  $E^1$  independently of the others represents O, S,  $N-R^{15}$ ,  $N-OR^{15}$ ,  $N-N(R^{15})_2$ ,  $N-S=O$ ,  $N-CN$  or  $N-NO_2$ ,
- 5  $R^7$  represents hydrogen,  $C_1-C_4$ -alkyl,  $C_1-C_4$ -haloalkyl, halogen,  $C_1-C_4$ -alkoxy,  $C_1-C_4$ -haloalkoxy,  $C_1-C_4$ -alkylthio,  $C_1-C_4$ -alkylsulfinyl,  $C_1-C_4$ -alkylsulfonyl,  $C_1-C_4$ -haloalkylthio,  $C_1-C_4$ -haloalkylsulfinyl,  $C_1-C_4$ -haloalkylsulfonyl,
- $R^9$  represents  $C_1-C_4$ -haloalkyl,  $C_1-C_4$ -haloalkoxy,  $C_1-C_4$ -haloalkylsulfinyl or halogen,
- 10  $R^{10}$  represents hydrogen,  $C_1-C_4$ -alkyl,  $C_1-C_4$ -haloalkyl, halogen, cyano or  $C_1-C_4$ -haloalkoxy,
- $R^{11}$  in each case independently of one another represents in each case optionally mono- to trisubstituted  $C_1-C_6$ -alkylthio,  $C_1-C_6$ -alkylsulfenyl,  $C_1-C_6$ -haloalkylthio,  $C_1-C_6$ -haloalkylsulfenyl, phenylthio or phenylsulfenyl, where the substituents independently of one another may be selected from the list consisting of W,
- 15  $-S(O)_nN(R^{16})_2$ ,  $-C(=O)R^{13}$ ,  $-L(C=O)R^{14}$ ,  $-S(C=O)LR^{14}$ ,  $-C(=O)LR^{13}$ ,  $-S(O)_nNR^{13}C(=O)R^{13}$ ,  $-S(O)_nNR^{13}C(=O)LR^{14}$  and  $-S(O)_nNR^{13}S(O)_2LR^{14}$ ,
- L in each case independently of one another represents O,  $NR^{18}$  or S,
- $R^{12}$  in each case independently of one another represents  $-B(OR^{17})_2$ , amino, SH, thiocyanato,  $C_3-C_8$ -trialkylsilyloxy,  $C_1-C_4$ -alkyl disulfide,  $-SF_5$ ,  $-C(=E^1)R^{19}$ ,
- 20  $-LC(=E^1)R^{19}$ ,  $-C(=E^1)LR^{19}$ ,  $-LC(=E^1)LR^{19}$ ,  $-OP(=Q)(OR^{19})_2$ ,  $-SO_2LR^{19}$  or  $-LSO_2LR^{19}$ ,
- Q represents O or S,
- $R^{13}$  in each case independently of one another represents hydrogen or represents in each case optionally mono- or polysubstituted  $C_1-C_6$ -alkyl,  $C_2-C_6$ -alkenyl,  $C_2-C_6$ -alkynyl or  $C_3-C_6$ -cycloalkyl, where the substituents independently of one another may be selected from the group consisting of  $R^6$ , halogen, cyano, nitro, hydroxyl,  $C_1-C_4$ -alkoxy,  $C_1-C_4$ -alkylsulfinyl,  $C_1-C_4$ -alkylsulfonyl,  $C_1-C_4$ -alkylamino,  $C_2-C_8$ -dialkylamino,  $C_3-C_6$ -cycloalkylamino and  $(C_1-C_4$ -alkyl) $C_3-C_6$ -cycloalkylamino,
- 25  $R^{14}$  in each case independently of one another represents in each case optionally mono- or polysubstituted  $C_1-C_{20}$ -alkyl,  $C_2-C_{20}$ -alkenyl,  $C_2-C_{20}$ -alkynyl or  $C_3-C_6$ -cycloalkyl, where the substituents independently of one another may be selected from the group consisting of  $R^6$ , halogen, cyano, nitro, hydroxyl,  $C_1-C_4$ -alkoxy,  $C_1-C_4$ -alkylsulfinyl,  $C_1-C_4$ -alkylsulfonyl,  $C_1-C_4$ -alkylamino,  $C_2-C_8$ -dialkylamino,  $C_3-C_6$ -cycloalkylamino and  $(C_1-C_4$ -alkyl) $C_3-C_6$ -cycloalkylamino or represents
- 30 optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals  $R^{12}$ ,
- 35

- 5  $R^{15}$  in each case independently of one another represent hydrogen or represent in each case mono- or polysubstituted  $C_1$ - $C_6$ -haloalkyl or  $C_1$ - $C_6$ -alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulfinyl,  $C_1$ - $C_4$ -alkylsulfonyl,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulfinyl,  $C_1$ - $C_4$ -haloalkylsulfonyl,  $C_1$ - $C_4$ -alkylamino,  $C_2$ - $C_8$ -dialkylamino,  $C_2$ - $C_6$ -alkoxycarbonyl,  $C_2$ - $C_6$ -alkylcarbonyl,  $C_3$ - $C_6$ -trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals  $R^{12}$ , or  $N(R^{15})_2$  represents a cycle which forms the ring M,
- 10  $R^{16}$  represents  $C_1$ - $C_{12}$ -alkyl or  $C_1$ - $C_{12}$ -haloalkyl, or  $N(R^{16})_2$  represents a cycle which forms the ring M,
- 15  $R^{17}$  in each case independently of one another represents hydrogen or  $C_1$ - $C_4$ -alkyl, or  $B(OR^{17})_2$  represents a ring, where the two oxygen atoms are attached via a chain to two or three carbon atoms which are optionally substituted by one or two substituents independently of one another selected from the group consisting of methyl and  $C_2$ - $C_6$ -alkoxycarbonyl,
- 20  $R^{18}$  in each case independently of one another represents hydrogen,  $C_1$ - $C_6$ -alkyl or  $C_1$ - $C_6$ -haloalkyl, or  $N(R^{13})(R^{18})$  represents a cycle which forms the ring M,
- 25  $R^{19}$  in each case independently of one another represents hydrogen or represents in each case optionally mono- or polysubstituted  $C_1$ - $C_6$ -alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -haloalkoxy,  $C_1$ - $C_4$ -alkylthio,  $C_1$ - $C_4$ -alkylsulfinyl,  $C_1$ - $C_4$ -alkylsulfonyl,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulfinyl,  $C_1$ - $C_4$ -haloalkylsulfonyl,  $C_1$ - $C_4$ -alkylamino,  $C_2$ - $C_8$ -dialkylamino,  $CO_2H$ ,  $C_2$ - $C_6$ -alkoxycarbonyl,  $C_2$ - $C_6$ -alkylcarbonyl,  $C_3$ - $C_6$ -trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W,  $C_1$ - $C_6$ -haloalkyl,  $C_3$ - $C_6$ -cycloalkyl or phenyl or pyridyl, each of which is optionally mono- to trisubstituted by W,
- 30 M in each case represents an optionally mono- to tetrasubstituted ring which, in addition to the nitrogen atom which is attached to the substituent pair  $R^{13}$  and  $R^{18}$ ,  $(R^{15})_2$  or  $(R^{16})_2$ , contains two to six carbon atoms and optionally additionally a further nitrogen, sulfur or oxygen atom, and where the substituents independently of one another may be selected from the group consisting of  $C_1$ - $C_2$ -alkyl, halogen, cyano, nitro and  $C_1$ - $C_2$ -alkoxy,
- 35 W in each case independently of one another represents  $C_1$ - $C_4$ -alkyl,  $C_2$ - $C_4$ -alkenyl,

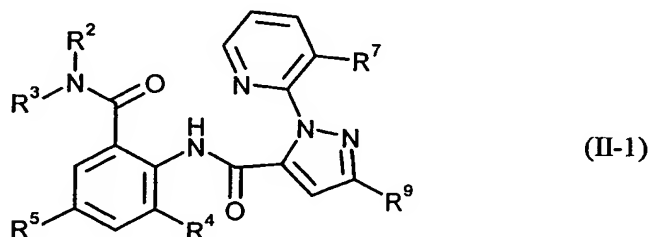
5 C<sub>2</sub>-C<sub>4</sub>-alkynyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>2</sub>-C<sub>4</sub>-haloalkenyl, C<sub>2</sub>-C<sub>4</sub>-haloalkynyl, C<sub>3</sub>-C<sub>6</sub>-halocycloalkyl, halogen, cyano, nitro, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-alkylamino, C<sub>2</sub>-C<sub>8</sub>-dialkylamino, C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino, (C<sub>1</sub>-C<sub>4</sub>-alkyl)C<sub>3</sub>-C<sub>6</sub>-cycloalkylamino, C<sub>2</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkoxycarbonyl, CO<sub>2</sub>H, C<sub>2</sub>-C<sub>6</sub>-alkylaminocarbonyl, C<sub>3</sub>-C<sub>8</sub>-dialkylaminocarbonyl or C<sub>3</sub>-C<sub>6</sub>-trialkylsilyl,

n in each case independently of one another represents 0 or 1,

p in each case independently of one another represents 0, 1 or 2.

10 where in the case that (a) R<sup>5</sup> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyl, C<sub>2</sub>-C<sub>6</sub>-haloalkynyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio or halogen and (b) R<sup>8</sup> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>2</sub>-C<sub>6</sub>-haloalkenyl, C<sub>2</sub>-C<sub>6</sub>-haloalkynyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, halogen, C<sub>2</sub>-C<sub>4</sub>-alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkoxycarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkylaminocarbonyl or C<sub>3</sub>-C<sub>8</sub> dialkylaminocarbonyl, (c) at least one  
15 substituent selected from the group consisting of R<sup>6</sup>, R<sup>11</sup> and R<sup>12</sup> is present and (d), if R<sup>12</sup> is not present, at least one R<sup>6</sup> or R<sup>11</sup> is different from C<sub>2</sub>-C<sub>6</sub>-alkylcarbonyl, C<sub>2</sub>-C<sub>6</sub> alkoxycarbonyl, C<sub>2</sub>-C<sub>6</sub>-alkylaminocarbonyl and C<sub>3</sub>-C<sub>8</sub>-dialkylaminocarbonyl.

7. The composition as claimed in claim 1, 2, 3, 4, 5 or 6, comprising an anthranilamide of the  
20 formula (II-1)



in which

R<sup>2</sup> represents hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

R<sup>3</sup> represents C<sub>1</sub>-C<sub>6</sub>-alkyl which is optionally substituted by a radical R<sup>6</sup>,

25 R<sup>4</sup> represents C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkoxy or halogen,

R<sup>5</sup> represents hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkoxy or halogen,

R<sup>6</sup> represents -C(=E<sup>2</sup>)R<sup>19</sup>, -LC(=E<sup>2</sup>)R<sup>19</sup>, -C(=E<sup>2</sup>)LR<sup>19</sup> or -LC(=E<sup>2</sup>)LR<sup>19</sup>, where each E<sup>2</sup> independently of the others represents O, S, N-R<sup>15</sup>, N-OR<sup>15</sup>, N-N(R<sup>15</sup>)<sub>2</sub>, and each L independently of the others represents O or NR<sup>18</sup>,

30 R<sup>7</sup> represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl or halogen,

R<sup>9</sup> represents C<sub>1</sub>-C<sub>2</sub>-haloalkyl, C<sub>1</sub>-C<sub>2</sub>-haloalkoxy, S(O)<sub>p</sub>C<sub>1</sub>-C<sub>2</sub>-haloalkyl or halogen,

R<sup>15</sup> in each case independently of one another represents hydrogen or represents in



each case optionally substituted C<sub>1</sub>-C<sub>6</sub>-haloalkyl or C<sub>1</sub>-C<sub>6</sub>-alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, C<sub>1</sub>-C<sub>4</sub>-alkylsulfinyl, C<sub>1</sub>-C<sub>4</sub>-alkylsulfonyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfinyl or C<sub>1</sub>-C<sub>4</sub>-haloalkylsulfonyl,

R<sup>18</sup> in each case represents hydrogen or C<sub>1</sub>-C<sub>4</sub>-alkyl,

R<sup>19</sup> in each case independently of one another represents hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

p independently of one another represents 0, 1, 2.

8. The composition as claimed in claim 1, 2, 3, 4, 5, 6 or 7, comprising compounds of the formula (I) (group 1) or at least one acaricidally active compound (group 2) and at least one anthranilamide of the formula (II) in a ratio of from 500:1 to 1:50.

9. The use of a synergistically effective mixture as defined in claims 1, 2, 3, 4, 5 6 or 7 for controlling animal pests.

10. A process for preparing pesticides, characterized in that a synergistically effective mixture as defined in claims 1, 2, 3, 4, 5 6 or 7 is mixed with extenders and/or surfactants.